

LPC- 0316575051
Seaway Metals Inc.
(AKA MRC Polymers Inc.)
Cook County
SF/HRS

CERCLA

Pre-Cerclis Screening Action

US EPA RECORDS CENTER REGION 5



402804



Illinois Environmental
Protection Agency

**CERCLA
PRE-CERCLIS SCREENING ASSESSMENT**

for:

**Seaway Metals Inc.
Chicago, Illinois**

**PREPARED BY:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
OFFICE OF SITE EVALUATION**

September 2004

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SECTION 1.0 INTRODUCTION

INTRODUCTION

On October 18, 2003, the Illinois Environmental Protection Agency's (IEPA) Office of Site Evaluation was received funding from the United States Environmental Protection Agency (USEPA) Region V to conduct a Pre-CERCLIS Screening Assessment (PCS) at Seaway Metals Incorporated, 3307 South Lawndale, Chicago, Illinois. The PCS is performed under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) commonly known as superfund.

The Pre-CERCLIS Screening Assessment was designed to tentatively identify potential sources of contamination, and if present, to determine if they pose the potential to adversely impact nearby residents or the surrounding environment. If during the course of this investigation a determination is made that the site possesses the potential to significantly impact human health and/or the environment, the site would be entered into EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) and progress through the Superfund process. The PCS evaluation will also collect enough data to complete the Pre-CERCLIS Screening Assessment Checklist Form (Attachment A, under a separate cover of PRESCORE). IEPA's OSE conducted the Pre-CERCLIS investigation of the Seaway Metals site as a result of a request by USEPA Region V to further investigate this site.

SECTION 2.0 SITE BACKGROUND

In February, 2004, personnel from the Illinois Environmental Protection Agency's Office of Site Evaluation conducted a Pre-CERCLIS Screening Assessment reconnaissance and evaluation of property previously owned by Seaway Metals Incorporated located in Chicago, Cook County, Illinois. The original operation is closed and occupied an irregular shaped 4.5 acre parcel of land. All traces of the former metals facility are gone. MRC Polymers (IEPA inventory number 0316575051) currently occupies the property and is an active facility. This operation utilizes one large combined office and manufacturing building and two smaller storage and maintenance buildings. There is a small area of vegetation along two sides of the small maintenance building. The remainder of the site is covered by asphalt or concrete driveways, parking lots, and walkways. Immediately surrounding the site to the west is Lawndale Avenue, to the north railroad tracks, to the east railroad tracks, and to the south more manufacturing property.

Nearby land uses is commercial/ light industrial, with a large residential area just north of site. Access to the site is controlled by fences and by the layout of the current facility. This portion of South Lawndale Avenue mainly services the commercial/industrial business and does not appear to be a through street for this area.

The site is relatively flat and there is no surface water runoff route. This area is just north of the Sanitary Drainage and Ship Canal. Storm water runoff from it eventually is directed into the canal.

The site is located in a densely populated area of Chicago known as "South Lawndale". The closest residence is approximately 500 feet to the north of the facility.

SECTION 2.2 SITE HISTORY

Seaway Metals is listed in the 1963-64 Standard Metals Directory as a smelter of secondary lead, tin, Babbitt and solder.

Sanborn fire insurance maps (circa 1910) reviewed at the Illinois State Library indicate the property was open land with one small structure located at the rear of the property. The map also shows the McCarthy Foundry Company bordering this property to the south at 3323 South Lawndale.

According to a 2004, Site Investigation Report-Focused & Remedial Action Completion Report, this area was first developed in the 1920s, as a foundry, followed by a plastics manufacture in the 1950s, and currently it is a specialty polymers manufacture. As stated earlier this manufacture is MRC Polymers, and Illinois EPA file information is limited to the above mentioned report. This environmental report was prepared as part of MRC's effort to obtain a focused No Further Remediation (NFR) Letter from the Illinois EPA. It also appears that a Phase I, Environmental Site Assessment (ESA) was conducted for this property as part of a potential property transaction.

Any applicable information for the Site Investigation Report-Focused & Remedial Action

Completion Report, will be in the pathway section of this PSC report.

3.0 FIELD INVESTIGATION ACTIVITIES

3.1 FIELD INSPECTION

A PSC reconnaissance and evaluation of the Seaway Metals site was conducted in February 2004, by personnel from the Office of Site Evaluation, Illinois EPA. The reconnaissance was conducted to determine the physical property boundaries and survey the properties' perimeter. A survey of the surrounding area was conducted to determine nearby land usage and any pathway or receptors that could potentially be affected by the site. As discussed in the site description section this area is relatively flat and has no defined drainage routes leading from the property. The majority of the property is covered either by a building or pavement with one small area of vegetation. No signs of staining or debris that could be attributable to a scrap operation were noted. The large areas under roof, paved or vegetated minimizes the potential for blowing dust.

3.2 X-RAY FLUORESCENCE (XRF)

One of the purposes of the PSC reconnaissance and evaluation conducted by the Illinois EPA Office of Site Evaluation in February 2004, was to collect field based soil data using field based XRF technology. This technology is able to analyze the soil for a number of inorganic analytes. The analyte of concern at this site is lead since Seaway Metals was involved with the reuse of lead from various sources. Seaway Metals ceased operations in the 1950s and that original operation area has been cleared and as stated in this report is covered by a combination of

buildings or pavement making the use of the XRF technology impractical. Plus there is laboratory data for this site in the ESA submitted to the Illinois EPA's Voluntary Site Remediation program. Therefore no XRF readings were taken for this site.

SECTION 4.0 INITIAL PATHWAY ANALYSIS

4.1 GROUNDWATER PATHWAY

The geology of this area of Chicago is situated on sediments of the Equality Formation and the Wedron Group. The Equality Formation is discontinuous and less than 20 feet thick in the area, and consists of quiet-water lake sediments, dominantly well-bedded silts with thin beds of clay, which were deposited on the floors of ancestral Lake Michigan. The Wedron Group is composed of glacial till which contains very poorly sorted silts and clays, and is greater than 20 feet thick in the area.

Seaway Metals is located within the city of Chicago, which utilizes Lake Michigan water as their sole source of drinking water. Therefore there are no documented drinking water wells within a four mile radius of the site. The potential does exist for the presence of groundwater wells used for industrial processes.

4.2 SURFACE WATER

This pathway begins where surface water run-off from the site enters the first perennial water body, this is referred to as the probable point of entry (PPE). This pathway then travels fifteen

miles down-stream completing the 15-Mile Target Distance Limit (TDL). For this site there is no obvious PPE for runoff from the site to enter the nearby ship canal. Excess surface water runoff is collected by a storm water drainage system that ultimately utilizes the ship canal as the discharge point and in this case the PPE. So in this case the entire 15 mile TDL, is contained on the Sanitary Drainage and Ship Canal.

4.3 SOIL EXPOSURE

Based on information obtained during the 2004, PCS Assessment the soil pathway for Seaway Metals site does not appear to be a primary concern. The site is located near the Sanitary Drainage and Ship Canal and Interstate 55, in an commercial industrial park with residential properties being located approximately 500 feet to the north. There is a substantial rail road right of way to the north of the site that acts as a physical barrier between the site and residential area. Attribution from this site to the residential area would difficult for a contaminant such as lead because of the other potential sources in the immediate area.

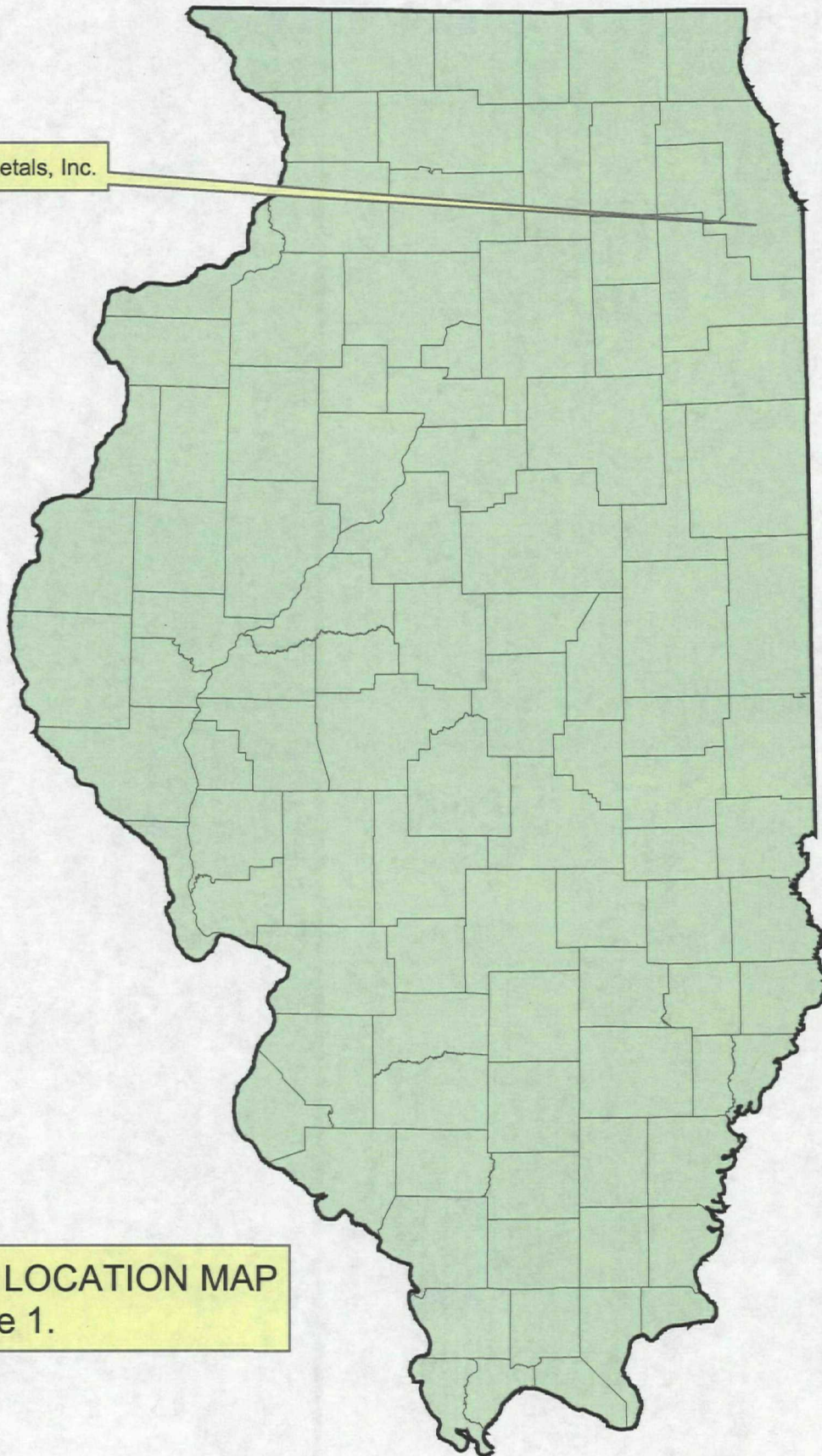
4.4 AIR PATHWAY

During the PCS Assessment reconnaissance and evaluation conducted the Illinois EPA's Office of Site Evaluation in February 2004, no screening of the ambient air around the former Seaway Metals site was conducted. There are no known releases or complaints of air releases or odors from the site. A majority of the site is covered with pavement, or buildings with the remaining areas being well vegetated. This would prevent airborne migration of wind born particulates. Due to the site characteristics the potential for airborne contamination of the residential area from the

air pathway is not a concern.

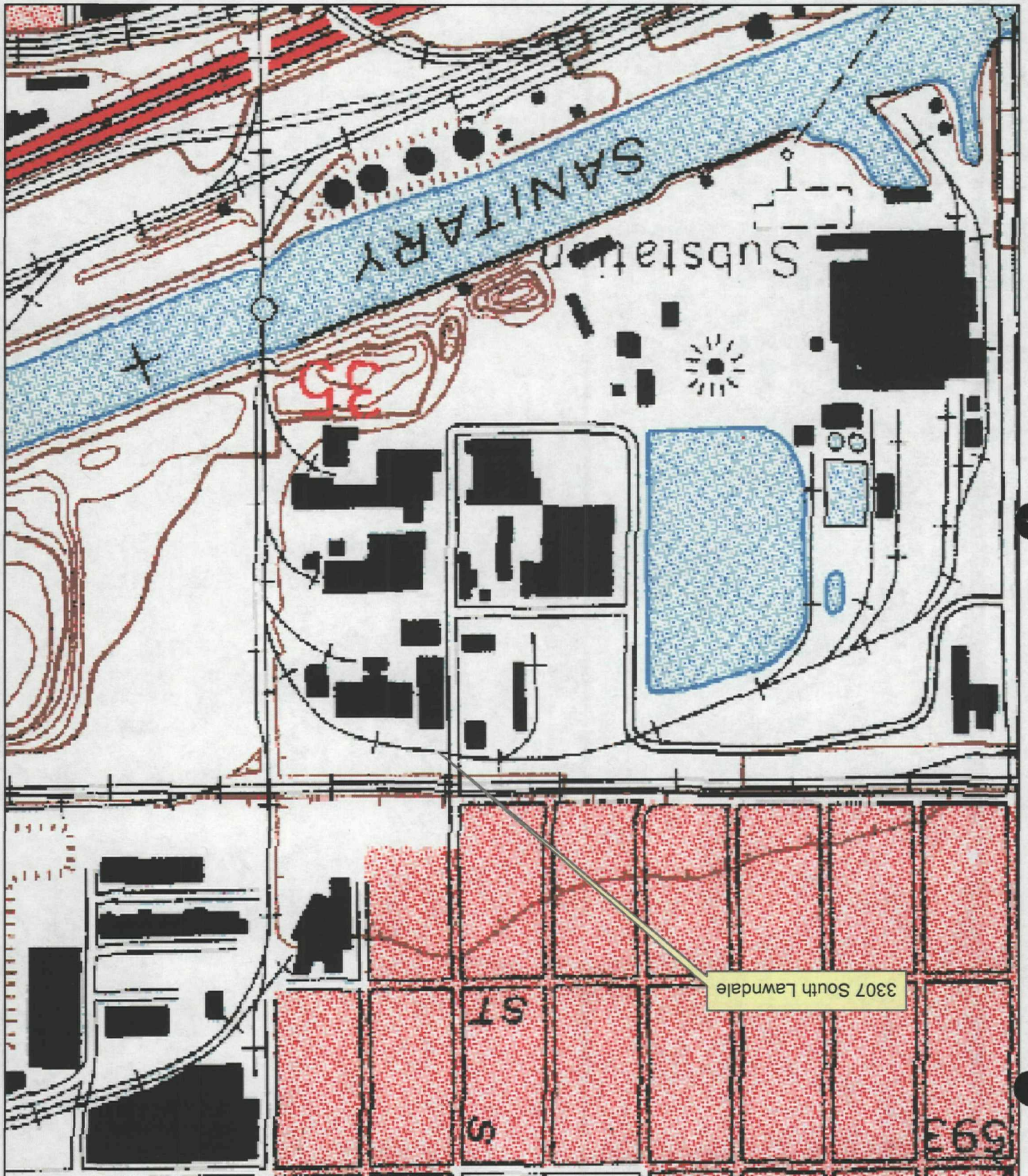
A Pre-CERCLIS Screening is a review of information on potential Superfund sites to determine whether the site should be entered into EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS).

Seaway Metals, Inc.

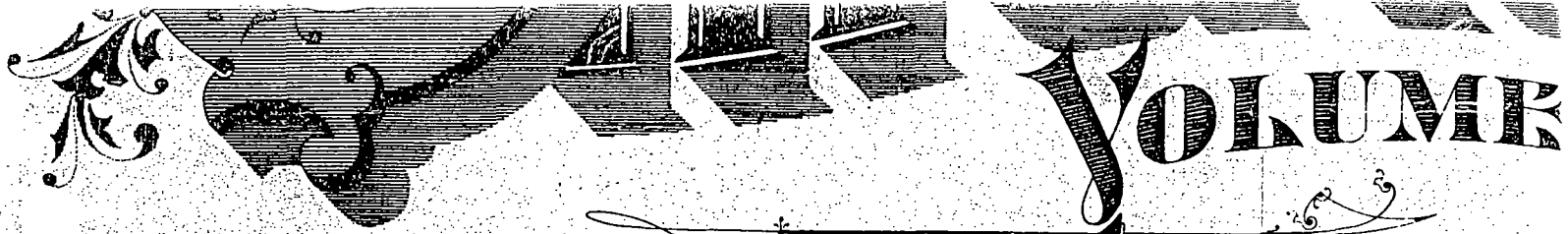


SITE LOCATION MAP
Figure 1.

SITE AREA MAP
Figure 2.



APPENDIX A.
Sanborn Fire Insurance Maps



PUBLISHED BY THE

11 BROADWAY

SANBORN MAP COMPANY

NEW YORK

SCALE 50 FT. TO 1 IN.

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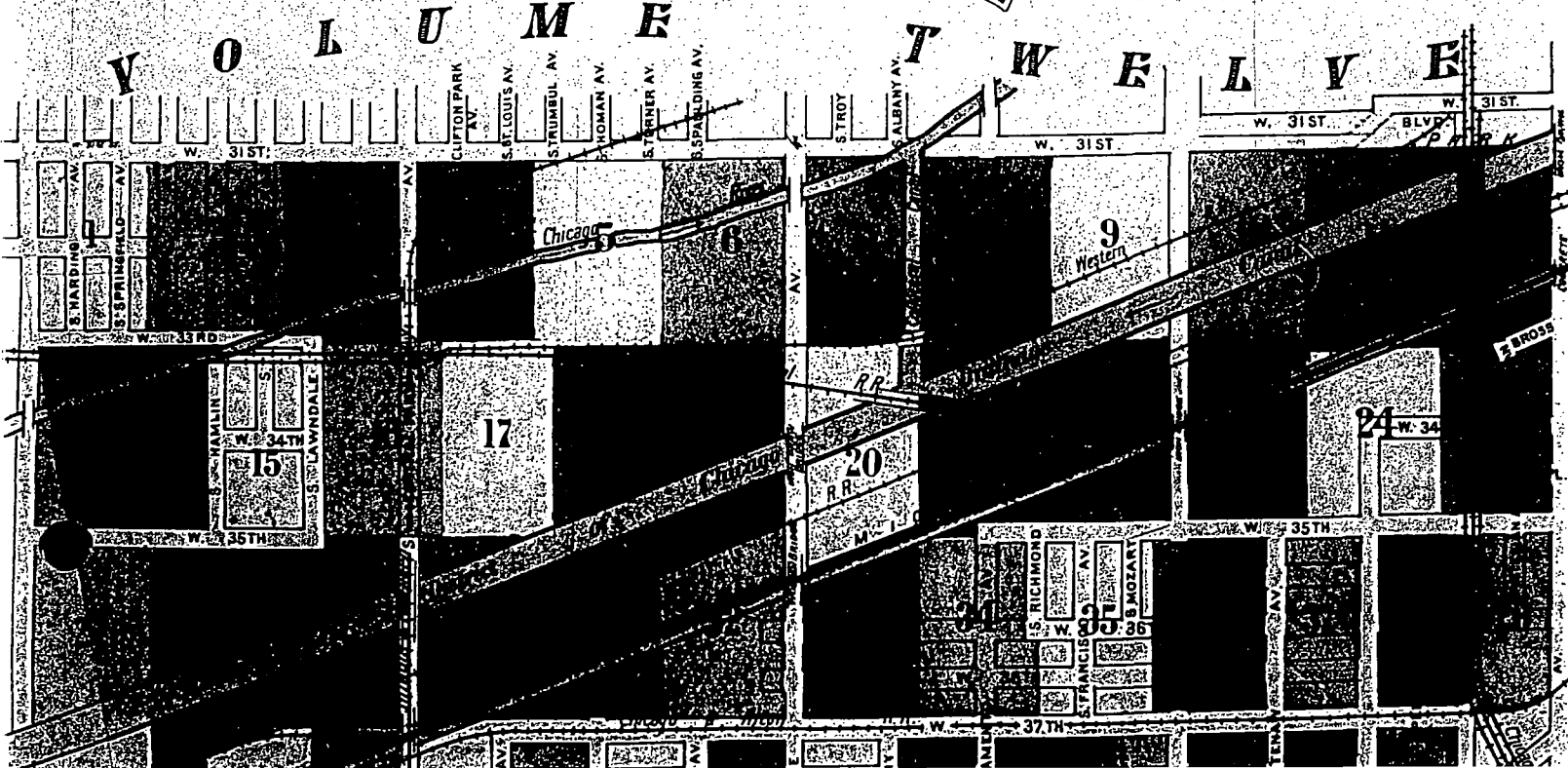
KEY

- Fire proof construction.
- Hollow concrete or cement block const'n.
- Brick building with brick or metal cornice.
- frame cornice.
- stone front.
- frame side.
- Brick veneered building.
- Brick and frame.
- Frame building.
- iron clad.
- Stone building.
- Fire wall 6 inches above roof.
- 12
- 18
- 24
- 36
- frame enclosed elevator.
- Stable.
- with traps.
- self closing traps.
- traps.
- self closing traps.
- wired glass door.

- Figures 8, 12, 16, 20 indicate thickness of wall in inches.
- Wall without opening and size in inches.
- with openings, figures indicate on which floor.
- Opening protected by single iron door.
- double iron doors.
- standard or vault doors.
- Openings with wired glass doors.
- Windows protected by iron shutters.
- Window opening in first story.
- second story.
- Windows and fourth stories.
- with wired glass.
- Steam boiler.
- Water pipes and size in inches.
- Hy. Single hydrant.
- Double.
- Triple.
- Fire escape.
- Engine and horse power in figures.
- Automatic sprinklers.
- Automatic fire alarm.
- IEP Independent electric plant.
- Force pump.
- Fire engine house, as shown on key map.
- Reference to adjoining sheet.
- (16) Under sheet number, refers to corresponding sheet in Vol. 'D' of Chicago, edition of 1910.
- Block number.
- Elevation.

CORRECTION

REV. NO.	DATE OF CORRECTION	ATTACHED BY	DATE ATTACHED
37	1/14/4	M.C.	8/14/44
40	1/14/5	W.E.P.	7/17/45
41	2-46	W.E.P.	2/16/46
42	1-47	W.E.P.	1-8-47
43	12-47	W.E.P.	4-21-47
44	12-48	W.E.P.	8/16/48
45	1-50	W.E.P.	10-3-50
46	1-51	W.E.P.	11-9-51



C. & I. N. R. R.

WIRE FENCE

James C. & Co.

Mc CARTHY FOUNDRY CO.

NIGHT WATCHMAN - APPROX. 10:45 P.M. AS SHOWN,
CAME DIRECT TO CITY MAIN. 50' 12" HOSE CONND. TO LEACH
STATION. STR. TOWN. 29 MIN. GORDON MANVILLE CHEM. ESTERS
DISTRIBUTED. HEAT STEAM IN OFF. GORDON FURNACES
IN BALANCE AT PLANT. POWER & L.T.S. FLOC. COMM. CURRENT
CITY WATER. (M.C.F. CO.)

CITY WATER. (M9 C. F. 50)

F O U N D R Y

RAISED RF 10' HIGH.
STEEL & GLASS

STEEL FR. COLS. & RF. TRUSSES
CEM'T. FL.

METAL LATH & PLASTER

RECEIVED
JUL 19 1964
COLLECTOR

THE UNIVERSITY
OF MICHIGAN

SAND No. _____

ELESCO SMELTING CORP.
METAL SMELTERS

OPERATES CONTINUOUSLY - NO WATCHMAN
HEAT HOT AIR DUCTS IN OFF, ONLY, POWER
ELEC, FUEL GAS, CHEM. EXTGRS.

MISC STGE

LAWNDALE --- 1 --- 25TH AV.

Illinois Environmental Protection Agency

LPC- 0316575051
Seaway Metals Inc.
(AKA MRC Polymers Inc.)
Cook County
SF/HRS

CERCLA

PRESCORE

SCORESHEET

CONFIDENTIAL

*Pre-CERCLIS Screening Assessment
Site Recommendation
Seaway Metals Inc.*

Based on the findings of this Pre-CERCLIS Screening Assessment, the author of the report recommends that Seaway Metals Inc. property, which is now occupied by MRC Polymers, not be placed on CERCLIS at this time.

This recommendation is based heavily on the fact that MRC Polymers is actively participating in the Illinois EPA's voluntary clean-up program. To date MRC Polymers has submitted the equivalent of a Phase I and a Phase II report to the Illinois EPA.

If MRC Polymers does not satisfactory complete this program then the sites status will have to be reevaluated. Any data generated by MRC Polymers during this process will assist in determining what further CERCLA activities are need at the site.

PREscore 4.0
HRS DOCUMENTATION RECORD

PAGE: 1

1. Site Name: Seaway Metals Inc.
(as entered in CERCLIS)
2. Site CERCLIS Number:
3. Site Reviewer: Mark Wagner
4. Date: 9/3/04
5. Site Location: Chicago/Cook/Illinois
(City/County, State)
6. Congressional District:
7. Site Coordinates: Single

Latitude: 41°49'54.0"

Longitude: 087°42'58.0"

	Score
Ground Water Migration Pathway Score (Sgw)	0.00
Surface Water Migration Pathway Score (Ssw)	0.00
Soil Exposure Pathway Score (Ss)	0.00
Air Migration Pathway Score (Sa)	0.00
Site Score	0.00

NOTE

Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: B-5

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	B-5
b. Source Type	Contaminated Soil
c. Secondary Source Type	N.A.
d. Source Vol. (yd3/gal) Source Area (ft2)	0.00 172000.00
e. Source Volume/Area Value	5.06E+00
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00
g. Data Complete?	NO
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00
i. Data Complete?	NO
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	5.06E+00

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Lead	> 2	NO	2.0E+06	ppm

PREscore 4.0
WASTE QUANTITY

PAGE: 4

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: B-22

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	B-22
b. Source Type	Contaminated Soil
c. Secondary Source Type	N.A.
d. Source Vol. (yd3/gal) Source Area (ft2)	0.00 172000.00
e. Source Volume/Area Value	5.06E+00
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00
g. Data Complete?	NO
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00
i. Data Complete?	NO
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	5.06E+00

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Lead	> 2	NO	2.1E+06	ppm

3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No. Source ID	Migration Pathways	Vol. or Area Value (2e)	Constituent or Wastestream Value (2f,2h)	Hazardous Waste Qty. Value (2k)
1 B-5		5.06E+00	0.00E+00	5.06E+00
2 B-22		5.06E+00	0.00E+00	5.06E+00

4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Values	HWQVs*	WCVs**
Ground Water	Toxicity/Mobility 0.00E+00	0	0
SW: Overland Flow, DW	Tox./Persistence 0.00E+00	0	0
SW: Overland Flow, HFC	Tox./Persis./Bioacc. 0.00E+00	0	0
SW: Overland Flow, Env	Etox./Persis./Bioacc. 0.00E+00	0	0
SW: GW to SW, DW	Tox./Persistence 0.00E+00	0	0
SW: GW to SW, HFC	Tox./Persis./Bioacc. 0.00E+00	0	0
SW: GW to SW, Env	Etox./Persis./Bioacc. 0.00E+00	0	0
Soil Exposure: Resident	Toxicity 0.00E+00	0	0
Soil Exposure: Nearby	Toxicity 0.00E+00	0	0
Air	Toxicity/Mobility 0.00E+00	0	0

* Hazardous Waste Quantity Factor Values

** Waste Characteristics Factor Category Values

Note: SW = Surface Water
GW = Ground Water
DW = Drinking Water Threat
HFC = Human Food Chain Threat
Env = Environmental Threat

PREscore 4.0
GROUND WATER MIGRATION PATHWAY SCORESHEET

PAGE: 1

GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release to an Aquifer Aquifer:		
1. Observed Release	550	0
2. Potential to Release		
2a. Containment	10	0
2b. Net Precipitation	10	0
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release [lines 2a(2b+2c+2d)]	500	0
3. Likelihood of Release	550	0
Waste Characteristics		
4. Toxicity/Mobility	*	0.00E+00
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Well	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	0.00E+00
10. Wellhead Protection Area	20	0.00E+00
11. Targets (lines 7+8d+9+10)	**	0.00E+00
12. Targets (including overlaying aquifers)	**	0.00E+00
13. Aquifer Score	100	0.00
GROUND WATER MIGRATION PATHWAY SCORE (Sgw)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release by Overland Flow		
2a. Containment	10	0
2b. Runoff	25	0
2c. Distance to Surface Water	25	25
2d. Potential to Release by Overland Flow [lines 2a(2b+2c)]	500	0
3. Potential to Release by Flood		
3a. Containment (Flood)	10	0
3b. Flood Frequency	50	0
3c. Potential to Release by Flood (lines 3a x 3b)	500	0
4. Potential to Release (lines 2d+3c)	500	0
5. Likelihood of Release	550	0
Waste Characteristics		
6. Toxicity/Persistence	*	0.00E+00
7. Hazardous Waste Quantity	*	0
8. Waste Characteristics	100	0
Targets		
9. Nearest Intake	50	0.00E+00
10. Population		
10a. Level I Concentrations	**	0.00E+00
10b. Level II Concentrations	**	0.00E+00
10c. Potential Contamination	**	0.00E+00
10d. Population (lines 10a+10b+10c)	**	0.00E+00
11. Resources	5	0.00E+00
12. Targets (lines 9+10d+11)	**	0.00E+00
13. DRINKING WATER THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
14. Likelihood of Release (same as line 5)	550	0
Waste Characteristics		
15. Toxicity/Persistence/Bioaccumulation	*	0.00E+00
16. Hazardous Waste Quantity	*	0
17. Waste Characteristics	1000	0
Targets		
18. Food Chain Individual	50	0.00E+00
19. Population		
19a. Level I Concentrations	**	0.00E+00
19b. Level II Concentrations	**	0.00E+00
19c. Pot. Human Food Chain Contamination	**	0.00E+00
19d. Population (lines 19a+19b+19c)	**	0.00E+00
20. Targets (lines 18+19d)	**	0.00E+00
21. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
22. Likelihood of Release (same as line 5)	550	0
Waste Characteristics		
23. Ecosystem Toxicity/Persistence/Bioacc.	*	0.00E+00
24. Hazardous Waste Quantity	*	0
25. Waste Characteristics	1000	0
Targets		
26. Sensitive Environments		
26a. Level I Concentrations	**	0.00E+00
26b. Level II Concentrations	**	0.00E+00
26c. Potential Contamination	**	0.00E+00
26d. Sensitive Environments (lines 26a+26b+26c)	**	0.00E+00
27. Targets (line 26d)	**	0.00E+00
28. ENVIRONMENTAL THREAT SCORE	60	0.00
29. WATERSHED SCORE	100	0.00
30. SW: OVERLAND/FLOOD COMPONENT SCORE (Sof)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release to Aquifer Aquifer:		
1. Observed Release	550	0
2. Potential to Release		
2a. Containment	10	0
2b. Net Precipitation	10	0
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release (lines 2a(2b+2c+2d))	500	0
3. Likelihood of Release	550	0
Waste Characteristics		
4. Toxicity/Mobility/Persistence	*	0.00E+00
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Intake	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	0.00E+00
10. Targets (lines 7+8d+9)	**	0.00E+00
11. DRINKING WATER THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
12. Likelihood of Release (same as line 3)	550	0
Waste Characteristics		
13. Toxicity/Mobility/Persistence/Bioacc.	*	0.00E+00
14. Hazardous Waste Quantity	*	0
15. Waste Characteristics	1000	0
Targets		
16. Food Chain Individual	50	0.00E+00
17. Population		
17a. Level I Concentrations	**	0.00E+00
17b. Level II Concentrations	**	0.00E+00
17c. Pot. Human Food Chain Contamination	**	0.00E+00
17d. Population (lines 17a+17b+17c)	**	0.00E+00
18. Targets (lines 16+17d)	**	0.00E+00
19. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
20. Likelihood of Release (same as line 3)	550	0
Waste Characteristics		
21. Ecosystem Tox./Mobility/Persist./Bioacc.	*	0.00E+00
22. Hazardous Waste Quantity	*	0
23. Waste Characteristics	1000	0
Targets		
24. Sensitive Environments		
24a. Level I Concentrations	**	0.00E+00
24b. Level II Concentrations	**	0.00E+00
24c. Potential Contamination	**	0.00E+00
24d. Sensitive Environments (lines 24a+24b+24c)	**	0.00E+00
25. Targets (line 24d)	**	0.00E+00
26. ENVIRONMENTAL THREAT SCORE	60	0.00
27. WATERSHED SCORE	100	0.00
28. SW: GW to SW COMPONENT SCORE (Sgs)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

PREscore 4.0
SOIL EXPOSURE PATHWAY SCORESHEET

PAGE: 8

SOIL EXPOSURE PATHWAY Factor Categories & Factors RESIDENT POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
1. Likelihood of Exposure	550	0
Waste Characteristics		
2. Toxicity	*	0.00E+00
3. Hazardous Waste Quantity	*	0
4. Waste Characteristics	100	0
Targets		
5. Resident Individual	50	0.00E+00
6. Resident Population		
6a. Level I Concentrations	**	0.00E+00
6b. Level II Concentrations	**	0.00E+00
6c. Resident Population (lines 6a+6b)	**	0.00E+00
7. Workers	15	0.00E+00
8. Resources	5	0.00E+00
9. Terrestrial Sensitive Environments	***	0.00E+00
10. Targets (lines 5+6c+7+8+9)	**	0.00E+00
11. RESIDENT POPULATION THREAT SCORE	**	0.00E+00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

*** No specific maximum value applies, see HRS for details.

PREscore 4.0
SOIL EXPOSURE PATHWAY SCORESHEET

PAGE: 9

SOIL EXPOSURE PATHWAY Factor Categories & Factors NEARBY POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
12. Attractiveness/Accessibility	100	0.00E+00
13. Area of Contamination	100	0.00E+00
14. Likelihood of Exposure	500	0.00E+00
Waste Characteristics		
15. Toxicity	*	0.00E+00
16. Hazardous Waste Quantity	*	0
17. Waste Characteristics	100	0
Targets		
18. Nearby Individual	1	0.00E+00
19. Population Within 1 Mile	**	0.00E+00
20. Targets (lines 18+19)	**	0.00E+00
21. NEARBY POPULATION THREAT SCORE	**	0.00E+00
SOIL EXPOSURE PATHWAY SCORE (Ss)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

PREscore 4.0
AIR PATHWAY SCORESHEET

PAGE: 10

AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release		
2a. Gas Potential to Release	500	0
2b. Particulate Potential to Release	500	0
2c. Potential to Release	500	0
3. Likelihood of Release	550	0
Waste Characteristics		
4. Toxicity/Mobility	*	0.00E+00
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Individual	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	0.00E+00
10. Sensitive Environments		
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	0.00E+00
10c. Sens. Environments (lines 10a+10b)	***	0.00E+00
11. Targets (lines 7+8d+9+10c)	**	0.00E+00
AIR MIGRATION PATHWAY SCORE (Sa)	100	0.00E+00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

*** No specific maximum value applies, see HRS for details.

PREscore 4.0
NPL Characteristics Data Collection Form

PAGE: 1

Record Information

1. Site Name: Seaway Metals Inc.
(as entered in CERCLIS)
2. Site CERCLIS Number:
3. Site Reviewer: Mark Wagner
4. Date: 9/3/04
5. Site Location: Chicago/Cook/Illinois
(City/County,State)
6. Congressional District:
7. Site Coordinates: Single

Latitude: 41°49'54.0" Longitude: 087°42'58.0"

Site Description

1. Setting: Urban
2. Current Owner: Private - Industrial
3. Current Site Status: Active
4. Years of Operation: Active Site , from and to dates: 1920-1950
5. How Initially Identified: Other Federal Program
6. Entity Responsible for Waste Generation:
 - Recyclers
7. Site Activities/Waste Deposition:
 - Recycling

Waste Description

8. Wastes Deposited or Detected Onsite:
 - Organic Chemicals
 - Metals

- Smelting Waste
- Lead

Response Actions

9. Response/Removal Actions:

RCRA Information

10. For All Active Facilities, RCRA Site Status:

- -Small Quantity Generator

Demographic Information

11. Workers Present Onsite: Yes

12. Distance to Nearest Non-Worker Individual: > 10 Feet - 1/4 Mile

13. Residential Population Within 1 Mile: Unknown

14. Residential Population Within 4 Miles: Unknown

Water Use Information

15. Local Drinking Water Supply Source:

- No Water Withdrawals Within Target Distance Limits

16. Total Population Served by Local Drinking Water Supply Source: Unknown

17. Drinking Water Supply System Type for Local Drinking
Water Supply Sources:

- Municipal (Services over 25 People)

18. Surface Water Adjacent to/Draining Site:

- Other - sanitary ship canal

ATTACHMENT A

**PRE-CERCLIS SCREENING ASSESSMENT
CHECKLIST/DECISION FORM**

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer:	Mark Wagner / Project Manager _____	9/2/04 _____
	Name/Title	Date
	1021 N. Grand Ave. East_____	217-524-1662_____
	Address	Phone
	Epa4415@epa.state.il.us_____	
	E-mail Address	

Site Name: Seaway Metals, Inc. _____
Previous Names (if any): current: MRC Polymers, Inc. _____
Site Location: 3307 South Lawndale Ave. Chicago, IL _____

Latitude: N41, 49 ' 54 " **Longitude:** W 87, 42' 58"

Complete the following checklist. If Ayes \cong is marked, please explain below.

Complete the following checklist. If Ayes≅ is marked, please explain below.		YES	NO
1.	Does the site already appear in CERCLIS?	~	EE
2.	Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	~	EE
3.	Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	~	EE
4.	Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	~	EE
5.	Is some other program actively involved with the site (Federal, VCP, State, or Tribal)?	EE	~
6.	Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	~	EE
7.	Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA Corrective Action, FIFRA, or Brownfields)?	~	EE
8.	Is there insufficient data (provided by the State) to verify that a release has occurred or has the potential to occur (i.e., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants and contaminants)?	~	EE
9.	Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (i.e., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, EPA approved risk assessment completed)?	~	EE

Please explain all yes answer(s), attach additional sheets if necessary: Item 5, MRC Polymers, Inc is enrolled in the IEPA VCP.

To date they have submitted a "Site Investigation Report-Focused & Remedial Action Completion Report.

Site Determination:

☒ ~ Yes Enter the site into CERCLIS. Further assessment is recommended (explain below).

☐ No The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:

Currently the Seaway Metals property is occupied by MCR Polymers Inc, and they have enrolled in the IEPA VCP. To date a phase 1 investigation and the above mention report have been completed. After reviewing this information the author of this document has determine that no CERCLA type targets have been adversely impacted by the present or passed activities at this location.

At this time the IEPA VCP is the best route to pursue the contamination on-site.

Regional EPA Reviewer:

Print Name/Signature

J. Duffin

Date

9/30/09

State Agency/Tribe:

Mark Wagner

Print Name/Signature

Mark Wagner

Date

9/2/09